AMENDMENTS TO THE SPECIFICATION:

Please add the following ***new*** paragraph on page 1, between lines 2 and 3:

CROSS-REFERENCE TO RELATED APPLICATIONS

This U.S. National stage application claims priority under 35 U.S.C. §119(a) to Japanese Patent Application No. 2004-140696, filed in Japan on May 11, 2004 the entire contents of which are hereby incorporated herein by reference.

Please replace paragraph [0002] with the following rewritten version:

[0002] As a conventional example of a fluid machine, Patent Publication 1 discloses a compressor having an eccentric rotation piston mechanism achieved by a cylinder having an annular cylinder chamber and an annular piston which is contained in the cylinder chamber to make eccentric rotation. The fluid machine compresses a refrigerant by making use of volumetric change in the cylinder chamber caused by the eccentric rotation of the piston. See, for example, Japanese Patent Publication No. 06-288358.

Please remove the paragraph at page 1, line 14, as follows:

~~Patent Publication 1: Japanese Unexamined Patent Publication No. H6-288358~~

Please replace the heading at page 1, line 15, with the following rewritten version:

SUMMARY OF THE INVENTION ~~DISCLOSURE OF THE INVENTION~~

Please remove the heading at page 1, line 16 as follows:

~~PROBLEM THAT THE INVENTION IS TO SOLVE~~

Please remove the heading at page 1, line 26 as follows:

~~MEANS OF SOLVING THE PROBLEM~~

Please replace paragraph [0005] with the following rewritten version:

[0005] As shown in FIG. **1**, a first aspect of the present invention includes a first rotation mechanism (**2F**) and a second rotation mechanism (**2S**), each of which including: a cylinder (**21**) having an annular cylinder chamber (**50**); an annular piston (**22**) which is contained in the cylinder chamber (**50**) to be eccentric to the cylinder (**21**) and divides the cylinder chamber (**50**) into an outer working chamber (**51**) and an inner working chamber (**52**); and a blade (**23**) which is arranged in the cylinder chamber (**50**) to divide each of the working chambers (**51, 52**) into a high pressure region and a low pressure region, the piston (22) and the cylinder (21) serving as co-operating parts and any one of the piston (**22**) and the cylinder (**21**) being stationary and the other being moving such that the moving part rotates about the stationary part. The first rotation mechanism (**2F**) and the second rotation mechanism (**2S**) are arranged to be adjacent to each other with a partition plate (**2c**) sandwiched therebetween and the two moving parts or the two stationary parts of the first rotation mechanism (**2F**) and the second rotation mechanism (**2S**) are arranged such that one of the co-operating parts is provided at one side of the partition plate (**2c**) and the other is provided at the other side of the partition plate (**2c**).

Please replace paragraph [0006] with the following rewritten version:

[0006] According to the first aspect of the present invention, when the first and second rotation mechanisms (**2F**) and (**2S**) are actuated, the moving parts (**21**) of the co-operating parts rotate relative to the stationary parts (**22**) of the co-operating parts to change the volumes of the working chambers (**51, 52**). Thus, a fluid is compressed or expanded.

Please replace paragraph [0007] with the following rewritten version:

[0007] According to a second aspect of the present invention related to the first aspect of the present invention, the inner working chambers (**52**) of the cylinder chambers (**50**) of the first rotation mechanism (**2F**) and the second rotation mechanism (**2S**) serve as a low-stage compression chambers and the outer working chambers (**51**) of the cylinder chambers (**50**) of

the first rotation mechanism (**2F**) and the second rotation mechanism (**2S**) serve as high-stage compression chambers.

Please replace paragraph [0008] with the following rewritten version:

[0008] According to the second aspect of the present invention, a fluid is compressed in two stages in the first rotation mechanism (**2F**) and the second rotation mechanism (**2S**).

Please replace paragraph [0009] with the following rewritten version:

[0009] According to a third aspect of the present invention related to the first aspect of the present invention, the outer working chambers (**51**) of the cylinder chambers (**50**) of the first rotation mechanism (**2F**) and the second rotation mechanism (**2S**) serve as compression chambers and the inner working chambers (**52**) of the cylinder chambers (**50**) of the first rotation mechanism (**2F**) and the second rotation mechanism (**2S**) serve as expansion chambers.

Please replace paragraph [0010] with the following rewritten version:

[0010] According to the third aspect of the present invention, compression and expansion of a fluid are carried out in the first rotation mechanism (**2F**) and the second rotation mechanism (**2S**).

Please replace paragraph [0011] with the following rewritten version:

[0011] According to a fourth aspect of the present invention related to the first aspect of the present invention, the partition plate (**2c**) serves as the end plates (**26**) of the co-operating parts (**21**) of the first rotation mechanism (**2F**) and the second rotation mechanism (**2S**).

Please replace paragraph [0012] with the following rewritten version:

[0012] According to a fifth aspect of the present invention related to the first aspect of the present invention, the co-operating part (**21**) of the first rotation mechanism (**2F**) and the co-

operating part (**21**) of the second rotation mechanism (**2S**) adjacent to the first rotation mechanism (**2F**) have individual end plates (**26**) and the partition plate (**2c**) is formed of the end plates (**26**) of the co-operating parts (**21**) of the first and second rotation mechanisms (**2F, 2S**).

Please replace paragraph [0013] with the following rewritten version:

[0013] According to a sixth aspect of the present invention related to the first aspect of the present invention, the moving co-operating parts (**21**) of the first and second rotation mechanisms (**2F, 2S**) are connected to a drive shaft (**33**) and each of the first rotation mechanism (**2F**) and the second rotation mechanism (**2S**) is provided with a compliance mechanism (**60**) for adjusting the position of the co-operating parts (**21, 22**) in the axial direction of the drive shaft (**33**).

Please replace paragraph [0014] with the following rewritten version:

[0014] In the sixth aspect of the present invention, leakage from the ends of the co-operating parts (**21**) is prevented by the axial compliance mechanism (**60**).

Please replace paragraph [0015] with the following rewritten version:

[0015] According to a seventh aspect of the present invention related to the first aspect of the present invention, the moving co-operating parts (**21**) of the first and second rotation mechanisms (**2F, 2S**) are connected to a drive shaft (**33**) and each of the first rotation mechanism (**2F**) and the second rotation mechanism (**2S**) is provided with a compliance mechanism (**60**) for adjusting the position of the co-operating parts (**21**) in the direction orthogonal to the axial direction of the drive shaft (**33**).

Please replace paragraph [0016] with the following rewritten version:

[0016] In the seventh aspect of the present invention, gaps that occur between the co-operating parts (**21**) in the radius direction are reduced to a minimum, respectively, by the compliance mechanism (**60**) for adjustment in the orthogonal direction.

Please replace paragraph [0017] with the following rewritten version:

[0017] According to an eighth aspect of the present invention related to the first aspect of the present invention, the moving parts (**21**) of the co-operating parts of the first and second rotation mechanisms (**2F**, **2S**) are connected to a drive shaft (**33**) and a balance weight (**75**) is provided at part of the drive shaft (**33**) located between the end plates (**26**) of the co-operating parts of the first rotation mechanism (**2F**) and the second rotation mechanism (**2S**) adjacent to each other.

Please replace paragraph [0018] with the following rewritten version:

[0018] In the eighth aspect of the present invention, the balance weight (**75**) eliminates imbalance caused by the rotation of the co-operating parts (**21**).

Please replace paragraph [0019] with the following rewritten version:

[0019] According to a ninth aspect of the present invention related to the first aspect of the present invention, the first rotation mechanism (**2F**) and the second rotation mechanism (**2S**) are configured to rotate with a 90° phase difference from each other.

Please replace paragraph [0020] with the following rewritten version:

[0020] In the ninth aspect of the present invention, discharge occurs four times while the drive shaft (**33**) makes a single rotation. Therefore, torque fluctuations are reduced.

Please replace paragraph [0021] with the following rewritten version:

[0021] According to a tenth aspect of the present invention related to the first aspect of the present invention, in each of the first and second rotation mechanisms (**2F**, **2S**), part of the annular piston (**22**) is cut off such that the piston (**22**) is C-shaped, the blade (**23**) extends from the inner wall surface to the outer wall surface of the cylinder chamber (**50**) and passes through the cut-off portion of the piston (**22**) and a swing bushing is provided in the cut-off portion of the piston (**22**) to contact the piston (**22**) and the blade (**23**) via the surfaces thereof

such that the blade (**23**) freely reciprocates and the blade (**23**) and the piston (**22**) make relative swings.

Please replace paragraph [0022] with the following rewritten version:

[0022] In the tenth aspect of the present invention, the blade (**23**) reciprocates through the swing bushing (**27**) and the blade (**23**) swings together with the swing bushing (**27**) relative to the piston (**22**). Accordingly, the cylinder (**21**) and the piston (**22**) make relative swings and rotations, whereby the rotation mechanisms (**2F**, **2S**) achieve predetermined work such as compression.

Please remove the heading at page 4, line 27 as follows:

~~EFFECT OF THE INVENTION~~

Please replace paragraph [0024] with the following rewritten version:

[0024] According to the fourth aspect of the present invention, the end plates (**26**) of the co-operating parts (**21**) of the first and second rotation mechanisms (**2F**) and (**2S**) are integrated. Therefore, the co-operating parts (**21**) are prevented from leaning (overturning). This allows smooth movement of the co-operating parts (**21**).

Please replace paragraph [0025] with the following rewritten version:

[0025] According to the fifth aspect of the present invention, the cylinder (**21**) of the first rotation mechanism (**2F**) and the co-operating part (**21**) of the second rotation mechanism (**2S**) are separated. Therefore, thrust losses do not occur and the co-operating parts (**21**) are moved separately.

Please replace paragraph [0026] with the following rewritten version:

[0026] According to the sixth aspect of the present invention, leakage from the ends of the co-operating parts (**21**, **22**) is surely prevented because the axial compliance mechanism (**60**)

is provided. In particular, as the two rotation mechanisms (**2F**, **2S**) are provided, the compliance mechanism (**60**) is simplified and the gaps between the ends of the co-operating parts (**21**, **22**) are reduced.

Please replace paragraph [0027] with the following rewritten version:

[0027] According to the seventh aspect of the present invention, the compliance mechanism (**60**) for adjustment in the direction orthogonal to the drive shaft (**33**) is provided. Therefore, the co-operating parts (**21**) of the first and second rotation mechanisms (**2F**, **2S**) move in the radius direction, thereby adjusting the gaps between the co-operating parts (**21**) in the radius direction separately. As a result, thrust losses do not occur and the gaps between the co-operating parts (**21**) in the radius direction are reduced.

Please replace paragraph [0028] with the following rewritten version:

[0028] According to the eighth aspect of the present invention, the balance weight (**75**) is used. Therefore, the imbalance caused by the rotation of the co-operating parts (**21**) is eliminated.

Please replace paragraph [0030] with the following rewritten version:

[0030] According to the ninth aspect of the present invention, since the first and second rotation mechanisms (**2F**, **2S**) rotate with a 90° phase difference from each other, discharge occurs four times as the drive shaft (**33**) makes a single rotation. Therefore, the torque fluctuations are significantly reduced.

Please replace paragraph [0031] with the following rewritten version:

[0031] According to the tenth aspect of the present invention, the swing bushing (**27**) is provided as a connector for connecting the piston (**22**) and the blade (**23**) such that the swing bushing (**27**) substantially contacts the piston (**22**) and the blade (**23**) via the surfaces thereof. Therefore, the piston (**22**) and the blade (**23**) are prevented from wearing away and seizing up at the contacting parts during operation.

Please remove the heading at page 7, line 4 as follows:

~~BRIEF EXPLANATION OF REFERENCE NUMERALS~~

Please remove paragraph [0035] as follows:

[0035] ~~1 Compressor~~
~~10 Casing~~
~~20 Compressor mechanism~~
~~2F First rotation mechanism~~
~~2S Second rotation mechanism~~
~~21 Cylinder~~
~~22 Piston~~
~~23 Blade~~
~~24 Outer cylinder~~
~~25 Inner cylinder~~
~~27 Swing bushing~~
~~30 Motor (drive mechanism)~~
~~33 Drive shaft~~
~~50 Cylinder chamber~~
~~51 Outer compression chamber~~
~~52 Inner compression chamber~~
~~60 Compliance mechanism~~
~~71 Pin~~
~~75 Balance weight~~

Please replace the heading at page 7, line 24, with the following rewritten version:

~~BEST MODE FOR CARRYING OUT~~ DETAILED DESCRIPTION OF THE INVENTION

Please add the following new heading at page 25, between lines 1 and 2:

WHAT IS CLAIMED IS: